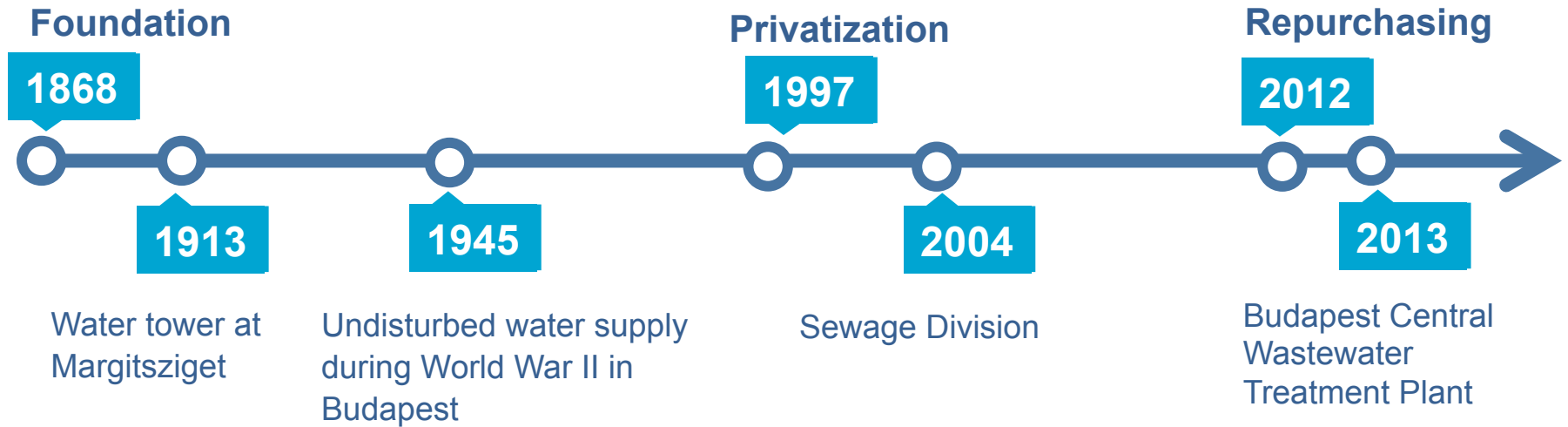


Budapest Waterworks

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HISTORY OF BUDAPEST WATERWORKS: TRADITIONS AND INNOVATION



- 148 years of operating experience
- Outstanding water utility supplier in the Central European region
- Many technological developments, 20 patents
- International experience
- Excellent water quality at European level



KEY INDICATORS OF BWW

5350 km water network



1 million m³ daily capacity

762 wells

2 water treatment plants



1 730 number of employees*

2 360 000 population served

500 km sewer network



94 million m³/year treatment

370 000 m³ daily capacity

6 wastewater treatment plants

147* million USD revenue, of which:



- **84 million USD** potable water
- **28 million USD** wastewater
- **35 million USD** export and other

*2015

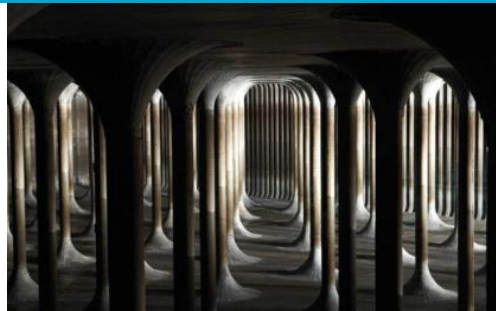
ENTERPRISE MODERNISATION, KEY COMPETENCIES, INTERNATIONAL ACTIVITIES

Operational processes



- Work Force Management
- Development of Operation Center
- SCADA system installation
- Contact Center
- Non revenue water
- etc.

Construction activities



- Water treatment plant construction
- Installation of Mobil Water Purification Equipment
- etc.

Engineering activities



- Pressure management
- Water loss analysis
- Water quality projects



Previous EU project experiences



2013 Wide Danube

ENV-risk management +monitoring

2014 iWaves

ICT – network-management - 3,7 M €

Horizon 2020

2014 **D-Terminus** – Network-management – IA - 4 M EUR

2015

DiSep – WW energy & recovery – RIA – 7,4 M EUR

HYDENMDS – Danube-riverbed – IA – 9 M EUR

ECOHUB – integrated water/energy/material flows – RIA – 10 M EUR – ☺

AquaNES – natural & engineered water treatment – IA – 10,8 M EUR

Waterfall – Exchange of researchers – RISE - 1,1 M EUR

Previous EU project experiences

- 2016

Smart Metering PCP – SM – PCP – 4,4 M EUR – ☺

BLUES SCC – blue & green cities – IA – 20 M EUR

WinTwin SCC – greening cities – IA – 16,8 M EUR

RevProWater – WW energy & recovery – IA – 12 M EUR

DAREnet – disaster management/networking – CSA - 3,5 M €

Main competences

Non-revenue water, network loss reduction

Pressure management

Workforce management

Mobile water purification and packaging

Audit – consultancy

SCADA

Nature based solutions (river bank filtration, circular economy, integrated water/energy/material flow)

Consortium - required partners

No	Expertise	Type	Country	Role in the project
01	Universities, research institutions	RTD	any	
02	Water and waste water management	SME	any	
03	water and waste water management	IND	any	
04	municipalities		any	
05				
06				
07				

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Recommendations

- The presentation **has to** last up to **4 minutes (maximum)**
- Do not overload your slides
- Provide weblinks to additional material
- Slides should be in English
- Do not use videos etc. – they might be not supported by the Infoday IT system
- Send your presentations in PDF format to: CoF@turkeyinh2020.eu until 23 September 2016.